

# EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

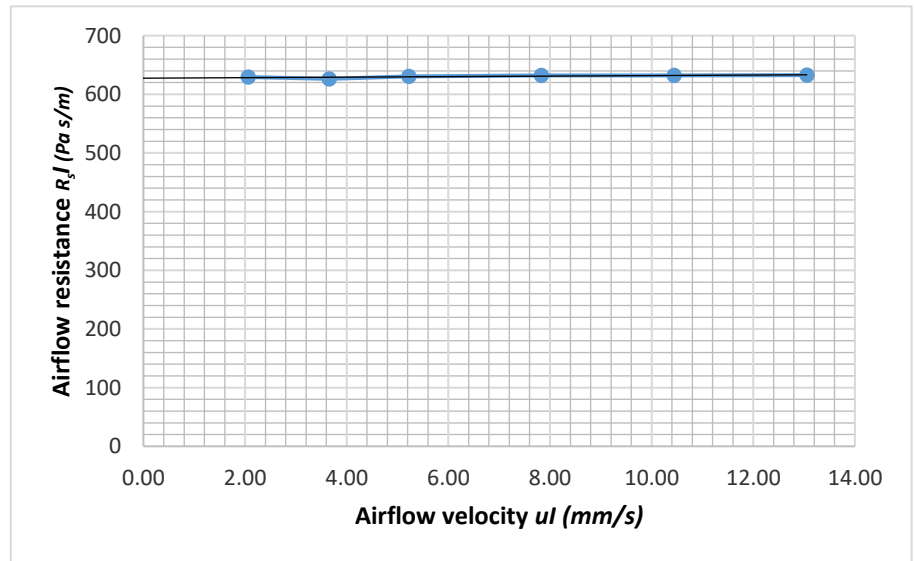
Client Kvadrat

Date: 29-08-25

Fabric details  
 Type: Acca  
 Item number: 600767  
 Colour: 361  
 Manufacturer: kvadrat  
 Batch:  
 Finish:

Specimen  
 Sample: 1  
 Thickness: 1.90 mm  
 Area specific mass: 621 g/m<sup>2</sup>  
 Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	633
10.44	632
7.83	632
5.22	630
3.65	626
2.06	630



**Airflow resistance  $R_s = 627$  Pa s/m**

Summary of results:				
Sample:	1	2	3	<b>Mean:</b>
Thickness:	1.90	1.90	1.92	<b>1.91 mm</b>
Area specific mass:	621	622	628	<b>624 g/m<sup>2</sup></b>
<b>Airflow resistance <math>R_s</math>:</b>	<b>627</b>	<b>617</b>	<b>634</b>	<b>626 Pa s/m</b>

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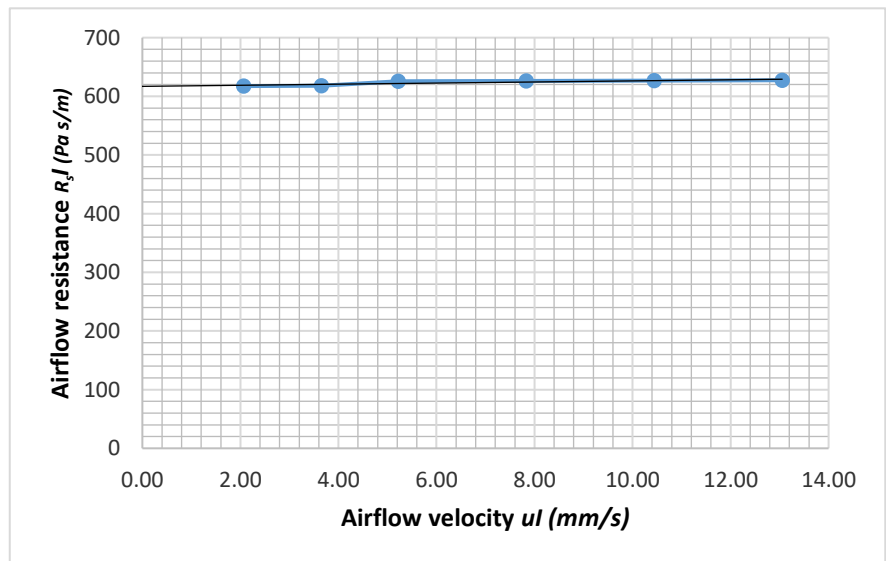
Client: Kvadrat

Date: 29-08-25

Fabric details  
Type: Acca  
Item number: 600767  
Colour: 230  
Manufacturer: kvadrat  
Batch: 0  
Finish: 0

Specimen  
Sample: 2  
Thickness: 1.90 mm  
Area specific mass: 622 g/m<sup>2</sup>  
Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	627
10.44	627
7.83	626
5.22	626
3.65	618
2.06	617



**Airflow resistance  $R_s = 617$  Pa s/m**

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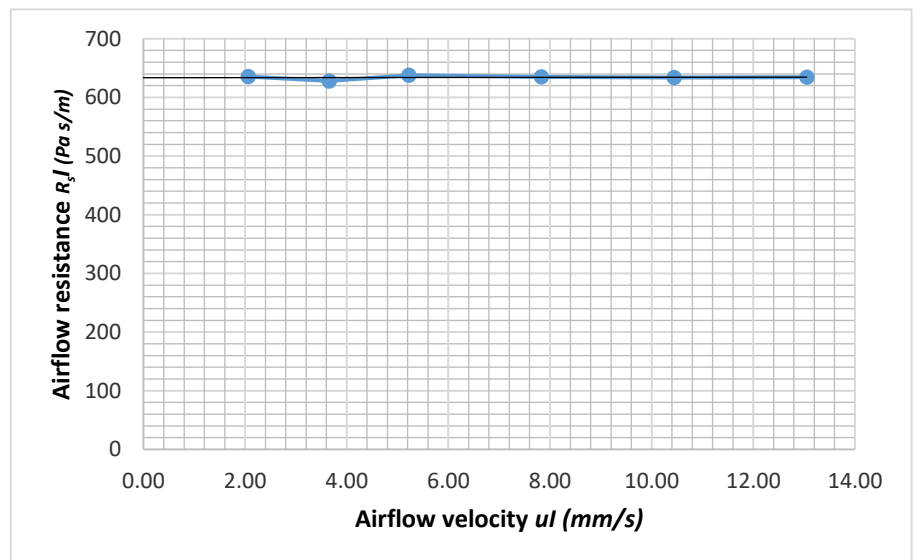
Client Kvadrat

Date: 29-08-25

Fabric details Type: Acca  
Item number 600767  
Colour: 970  
Manufacturer: kvadrat  
Batch: 0  
Finish: 0

Specimen Sample: 3  
Thickness: 1.92 mm  
Area specific mass: 628 g/m<sup>2</sup>  
Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	634
10.44	634
7.83	635
5.22	638
3.65	628
2.06	636



**Airflow resistance  $R_s = 634$  Pa s/m**